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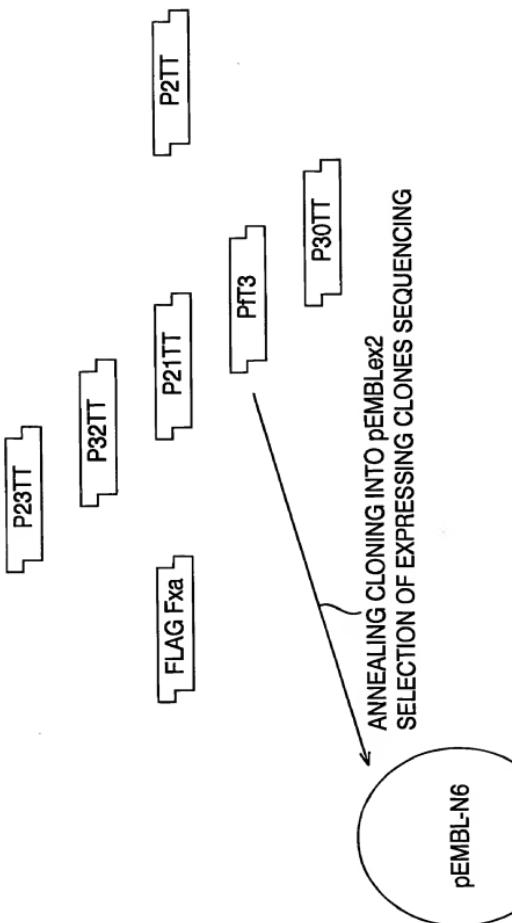


FIG. 1A



FIG. 1B



AAAA GGT GTT TCC ATTC GAC AAA TTC TCG AAA GCT AAC CCG AAA AAA GGT CTG AAA TTC ATC ATC AAA CGT
Lys Gly Val Ser Ile Asp Lys Phe Arg Ile Phe Cys Lys Ala Asp Pro Lys Lys Phe Ile Ile Lys Arg

TAC ACC CCG AAC AAC GAA ATC GAC TCC AAA GGT ATC CGT GAA GAC AAC AAC ATC ACC CTC AAA CTG GAC CGT TCC AAC
Tyr. Thr. Pro. Asn. Asn. Glu. Ile. Asp. Ser. Lys. Glu. Ile. Asp. Glu. Asp. Asn. Asp. Ile. Thr. Leu. Lys. Leu. Asp. Asp. Cys. Asn.

AAACAAAAGGTGAAAGAAGATC GCT AAA ATG GAA AAA GCT TCT TCT GTT AAC TCT AAA GGT TTC AAC
Asp Lys Glu Lys Lys Met Glu Lys Ala Lys Ser Ser Val Phe Asn Val Val Asn Ser Lys Glu Phe Asn

AAATTCACCGTTCCCTCTGGCTGCGTGTCCACCTGGAAAGGTCACTGCTGAAAGGTACATCAAA
GCT

AAACTCC AAA TTC ATC GGT ATC ACC GAA AAA GGT GGA TCC TAA
 Gln Ser Lys Phe Ile Glu Leu Thr Glu Lys Glu Ser End

FIG. 2A



N10

Ptc His Flag Fca KG P23TT KG P32TT KG P21TT KG P173 KG P30TT KG P21TT KG HBVncKG HA KG HBsAg KG MT KG —

AAA GGT GTT TCC ATC GAC AAA TTC CGT ATC TTC TGC AAA GCT AAC CCG AAA AAA GGT CTG AAA TTC ATC ATC AAA CGT

TAC ACC CGG AAC AAC GAA ATC GAC TCC AAA GGT ATC CGT GAA GAC AAC ACC CTG AAA CTG GAC CGT TGC AAC

AAC AAA GGT GAA AAG AAG ATC GCT AAA ATG GAA AAA GCT TCT TCT GTT AAC GTT AAA GGT TTC AAC

AAAC TTCA CGTT TCC TTCTT CGT GTT CCG AAA GGT TCC GCT TCC CAC CTC GAA AAA GGT CAG TAC TCA AAA GCT

FIG 2B



AAC TCC AAA TTC ATC GGT ATC ACC GAA AAA GGT GGA TCT CCG CAT CAT ACC GCG CTG CGC CAG GCG ATT CTG TGC TGG
Gln Ser Lys Phe Ile Glu Ile Thr Glu Lys Glu Gly Ser Pro His His Thr Ala Leu Arg Gln Ala Ile Leu Cys Thr

GGC GAA ACTG ATG ACC CTC GCG AAA GGA TCT CCG AAA TAT GTG AAA CAG AAC ACC CTC AAA CTG GCG ACC AAA GGA TCG
Gly Glu Leu Met Thr Leu Ala Lys Glu Ser Pro Lys Tyr Val Lys Glu Asp Thr Leu Lys Leu Ala Thr Lys Glu Ser

TTT TTT CTG CTG ACC ACC CGC ATT CTG ACC ATT CCG CAG TCT CTG GAT AAA GGC TAT TCT GGC CCG CTG AAA GCG GAA ATT
Phe Phe Leu Leu Thr Ala Ile Leu Thr Ile Pro Glu Ser Leu Asp Lys Glu Tyr Ser Gly Pro Leu Lys Ala Glu Ile

GGG CAG CGC CTG GAA GAT GTG AAA GGA TCC TAA
Ala Gln Arg Leu Glu Asp Val Lys Glu Ser End

FIG. 2C

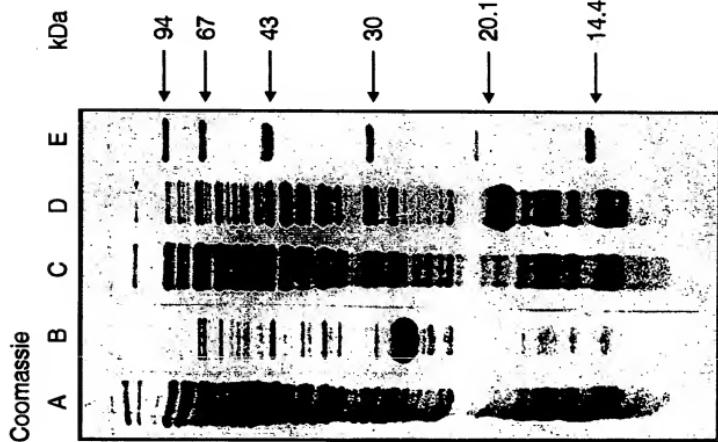
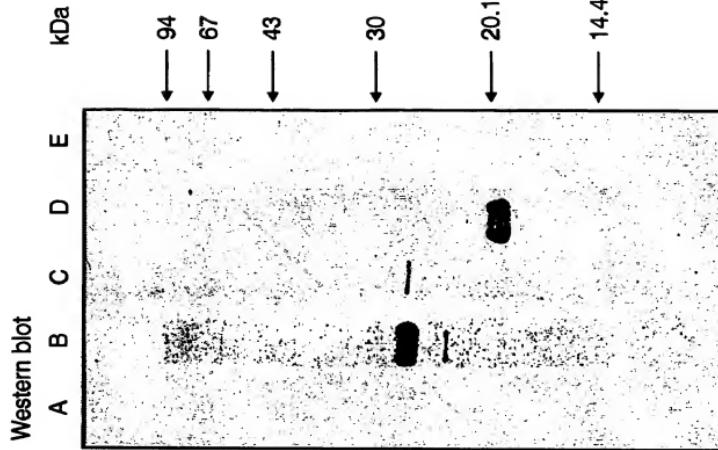


FIG. 3

FIG. 4



Western blot

A B C D E F

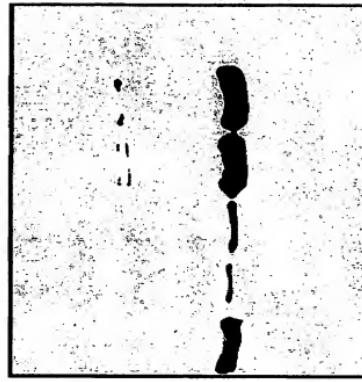


FIG. 5

Coomassie

A B C D E F



FIG. 6

N11



TAC ACC CCG AAC AAC GAA ATC GAC TCC AAA GGT ATC CGT GAA GAC AAC ATC ACC CTG AAA CTG GAC CGT TGC AAC TTY TYR THR PRO ASN ASN GLU ILE ASP SER LYS GLY ILE ARG GLU ASP ASN ASN ILE THR LEU LYS LEU ASP ARG CYS ASN

ATAC TTC ACC GTT TCC TTC TGG CTT CGT GTT CCG AAA GTT TCC CTC CGT GAA AAA GGT CAG TAC ATC AAA GCT
ATAC TTC ACC GTT TCC TTC TGG CTT CGT GTT CCG AAA GTT TCC CTC CGT GAA AAA GGT CAG TAC ATC AAA GCT

AAC TCC AAA TTC ATC ACC GAA AAA GGT TCT CGG CAT ACC GCG CTG CGC CAG GCG ATT CTG TGC TGG

FIG. 7A



GGC GAA CTG ATG ACC CTG GCG AAA GGA TCT CCG AAA TAT GTG AAA CAG AAC ACC CTC AAA CTG GCG ACC AAA GGA TCG
GLY GLU LEU MET THR LEU ALA LYS GLY SER PRO LYS TYR VAL LYS GLN ASN THR LEU ALA THR LYS GLY SER

TTT TTT CTG CTG ACC CGC ATT CTG ACC ATT CTG CAG TCT CTG GAT AAA GGC TAT TCT GGC CCG CTG AAA GGC GAA ATT
PHE PHE LEU LEU THR ARG ILE ILE PRO GIN SER ILEU ASP LYS GLY TYR SER GLY PRO ILEU LYS ALA GLU ILE

GGG CAG CGC CTG GAA GAT GTG AAA GGA TCT CAG CCG TCT GTT CAG ATT CAG GTG TAT CAG GGT GAA CGT GAA ATC GCA
ALA GLN ARG LEU GLU ASP VAL LYS GLY SER GLN PRO SER VAL GLN ILE GLN VAL TYR GLN GLY GLU ARG GLU ILE ALA

TCT CAT AAC AAA GGA TCC TAA
SER HIS ASN LYS GLY SER END

FIG. 7B



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KG — KG HB Vac KG HB Vac KG HB Vac KG —

ATG GGG GGT TCT CAT CAT CAA CAA CAA GAT ATG GCT AGC ATG GAT TAC ARG GAC GAT GAT ATC GAA GGT CGC
ATG MET GLY SER HIS HIS HIS HIS GLY MET ALA SER MET ASP TVR LYS ASP ASP ASP ILE GLU GLY ARG

TAC ACC CCG AAC AAC GAA ATC GAC TCC AAA GGT ATC CGT GAA GAC AAC ATC ACC CTG AAA CTG GAC CGT TGC AAC

AAAC AAA GGT GAA AAG ATC GCT AAA ATG GAA AAA GCT TCT GTT AAC TCT AAA GGT TTC AAC

AAAC TTC ACC GTT TCC TTC TGG CTG CGT GTT CCG AAA GTT TCC GCT TCC CAC CTG GAA AAA GGT CAG TAC ATC AAA GCT

TCAC TCC AAA TTC ATC GGT ATC ACC GAA AAA GGT CCG CAT ACC GCG CTG CGC CAG GCG ATT CTG TGC TGG

FIG. 8A



TTT TTT CTG CTG ACC CGC ATT CGC ACC ATT CGC CAG TCT CTG GAT AAA GCC TAT TCT GGC CCG CTG AAA GCG GAA ATT
PHE PHE LEU LEU THR ARG ILE ILEU THR ILE PRO GLN SER LYS GLY TYR SER GLY PRO LEU LYS ALA GLU ILE

GGC CAG CGC CTG GAA GAT GTC AAA GGA TCT GTT TCC ATC GAC AAA TTC CCT ATC TTC TGC AAA GCT AAC CCG AAA AAA
ALA GLN ARG LEU GLU ASP VAL ILS GLY SER VAL SER ILE ASP LYS PHE ARG ILE PHE CYS LYS ALA ASN PRO LYS IYS

GGT CTG AAA TTC ATC ATC CGT TAC ACC CCG AAC AAC GAA ATC GAC TCC AAA GGT ATC CGT GAA GAC AAC AAC ATC
GLY LEU LYS PHE ILE ILE ILYS ARG TYR THR PRO ASN ASN GLU ILE ASP SER LYS GLY ILE ARG GLU ASP ASN ASN ILE

ACC CTG AAA CTG GAC CGT TGC AAC AAC AAA GGT GAA AAG AAG ATC GCT AAA ATG GAA AAA GCT TCT GCT TCT AAC
THR LEU LYS LEU ASP ARG CYS ASN ASN LYS GLY GLU LYS ILE ALA LYS MET GLU LYS ALA SER SER VAL PHE ASN

GTT GTT AAC TCT AAA GGT TTC AAC ACC GTT TCC TTC TGG CTG CGT GTT CCG AAA GTT TCC GET TCC CAC CTC
VAL VAL ASN SER LYS GLY PHE ASN PHE THR VAL SER PHE TRP LEU ARG VAL PRO LYS VAL SER ALA SER HIS LEU

GAA AAA GGT CAG TAC ATC AAA GCT AAC TCC AAA TTC ATC GGT ATC ACC GAA AAA GGT GGA TCT CCG CAT CAT ACC GCG
GLU LYS GLY GLN TYR ILE ILYS ALA GLN SER LYS PHE ILE GLY ILE THR GLU LYS GLY GLY SER PRO HIS HIS THR ALA

CTG CGC CAG GCG ATT CTG TGC TGG GGC GAA CTG ATG ACC CTG GCG AAA GGA TCT CCG AAA TAT GTG AAA CAG AAC ACC
LEU ARG GLN ALA ILE LEU CYS TRP GLY GLU LEU MET THR LEU ALA LYS GLY SER PRO LYS TYR VAL LYS GLN ASN THR

CTG AAA CTG GCG ACC AAA GGA TCG TTT CTG CTG ACC CGC ATT CTG ACC ATT CGG CAG TCT CTG GAT AAA GGA TCC
LEU LYS LEU ALA THR LYS GLY SER PHE PHE LEU LEU THR ARG ILE LEU THR ARG ILE PRO GLN SER LEU ASP LYS GLY SER

FIG. 8B

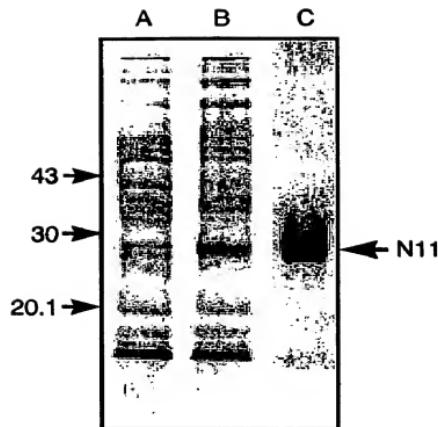


FIG. 9

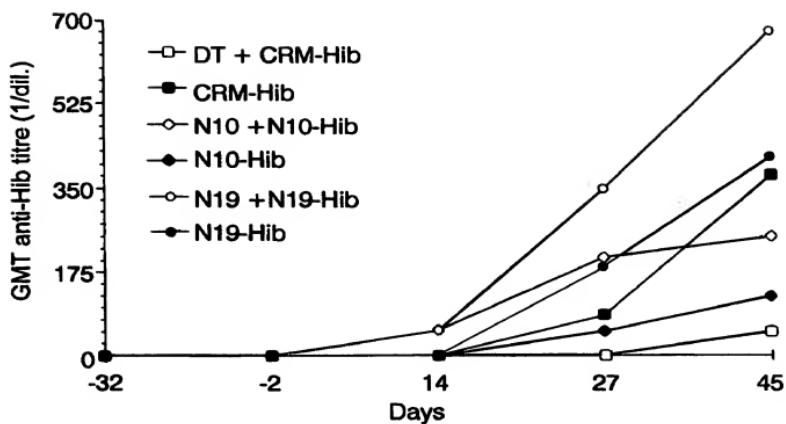


FIG. 13

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PRACTICA & TRABAJOS MATERIALES

FIG. 10A

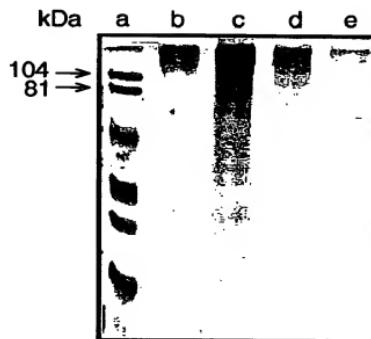
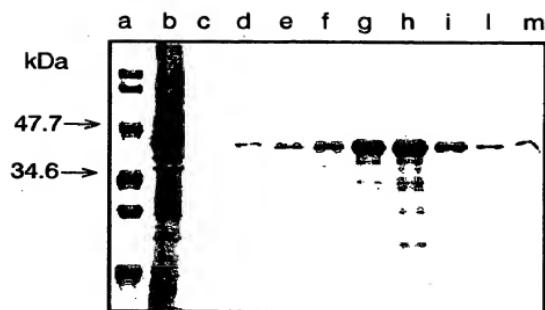


FIG. 10B

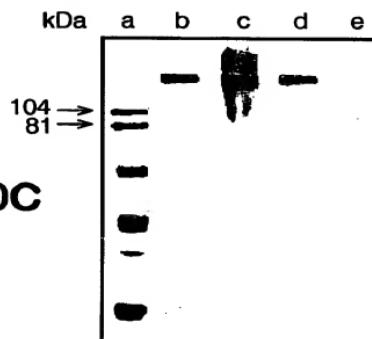


FIG. 10C

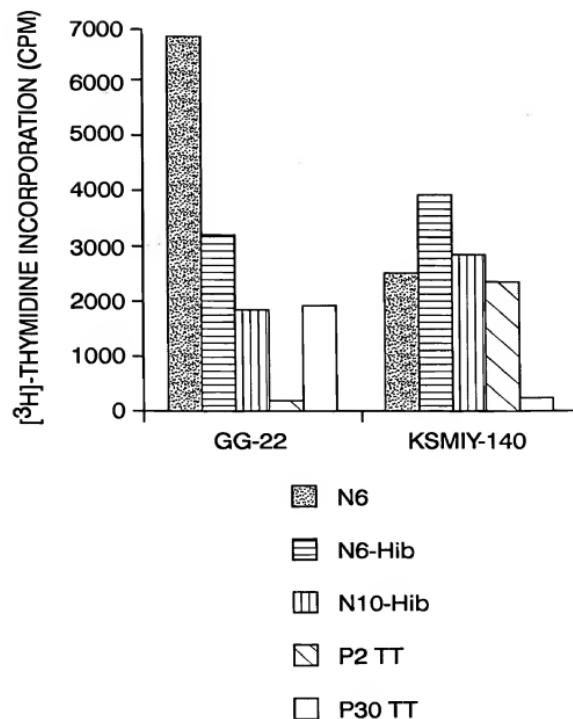


FIG. 11

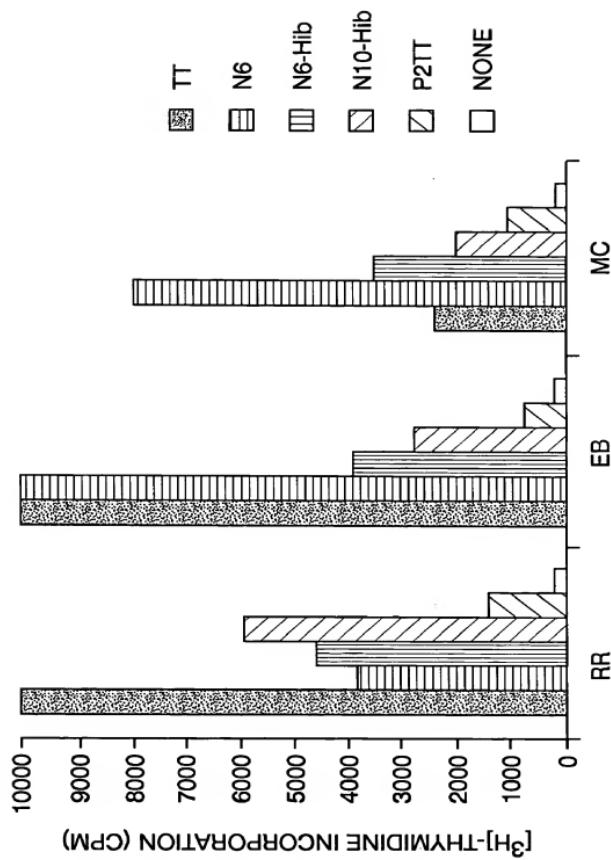


FIG. 12

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